



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	RVH-MVK-2012-555
EVALUATOR:	Mr. Randy Holder
PHONE NO.:	(601) 631-7928
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E-MAIL:	regulatory@usace.army.mil
DATE:	October 17, 2012
EXPIRATION DATE:	November 17, 2012

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, is considering a proposal to establish the Little Bayou Pierre Mitigation Bank (LBPMB). A prospectus has been received describing the proposed bank from Delta Land Services, the bank Sponsor. The proposed site is located in sections 28, 29, and 30, Township 11 North, Range 4 East and section 30, Township 11 North Range 5 East, Claiborne County, Mississippi (enclosure).

Description: This wetland mitigation bank is being proposed by the bank Sponsor as a means to meet the requirements for compensatory mitigation for future and as yet unknown wetland losses, which may be permitted by the Corps under the authority of Section 404 of the Clean Water Act.

The bank sponsor proposes to develop a 111.5-acre wetland mitigation bank by restoring 102.0 acres of bottomland hardwood forest, re-establish 9.7 acres of adjacent uplands, and preserve 8.2 acres of existing forested habitat. The proposed work would increase the wetland function, provide species diversity, and increase the width of a wildlife corridor within the Bayou Pierre Watershed.

Baseline Conditions / Current Land Use / Proposed Actions:
The site is currently managed as pine plantation comprised of loblolly pine monoculture. Within the area there are areas remaining as bottomland hardwood wetlands, but are subject to livestock grazing. The loblolly pines were planted two years ago and are currently approximately two to three feet in height. Active management consists of intensive chemical control of broad-leaved tree species eliminating the potential for any hardwood development. The rows between pine seedlings are maintained by mowing and are frequently grazed by livestock.

The sponsor would remove the livestock from the area and remove the pine monoculture. A natural bottomland hardwood wetland regime would be replanted within the area.

The soils mapped within the project area are listed as Calloway silt loam 0-2% slopes, Calloway silt loam 2-5% slopes, Collins silt loam, Falaya silt loam, Grenada silt loam 0-2% slopes, Grenada silt loam 2-5% slopes, Henry silt loam, Waverly silt loam, and Gullied land. The Henry soil series is listed as having all hydric components by the NRCS. The Calloway, Collins, Falaya, Grenada <5% slope, Gullied, and Waverly series are partially hydric soils, and the Grenada >5% slope series is listed as non-hydric. Approximately 98% of the site is mapped as having at least some hydric components.

The proposed project area consists of a historic floodplain of the Little Bayou Pierre and its associated tributaries. The slightly undulating, terraced landscape was formed as a result of high flow events exceeding geomorphic bankfull capacity of the Little Bayou Pierre, followed by the associated draining and runoff events. The hydrogeomorphic wetland class of the LBPMB is a combination of riverine wetlands to depressional wetlands with the primary sources of hydrology resulting from a combination of flooding events, overland flow from adjacent uplands, and direct precipitation. During the conversion from a forested wetland to pasture and range land, anthropomorphic hydrologic modifications such as surface ditching and channelization of natural swales were implemented for efficiently moving water off-site. These drains are currently in place and continue to move surface and subsurface water off-site to prevent ponding and saturation within the upper soil horizon. There are approximately 2,494 linear feet of artificial and modified drains which flow, either directly or indirectly, into Little Bayou Pierre. Drainage features located within the proposed bank area would be rendered ineffective in order to re-establish wetland hydrology throughout the proposed LBPMB. Earthen fill material would be used to return artificial drainage ditches to grade and restore natural swale conditions.

Surface water on the proposed LBPMB is primarily from rainfall, surface runoff, and high water tables associated with high water events on the Little Bayou Pierre. Rainfall is estimate to be greater than 50 inches per years. The current drainage system does have the effect of reducing the duration of ponding and saturation.

Service Area: This Mitigation Bank would be established to provide mitigation to compensate for impacts to waters of the United States, including wetlands, within the Corps of Engineers Vicksburg District. These areas are demarcated by the United States Geologic Survey as hydrologic unit codes 08060203 and 08060202. An additional HUC 080602040 is also being requested

for inclusion into the service area. Decisions authorizing the use of credits from the Mitigation Bank will be made by the appropriate authority on a case by case basis in accordance with all applicable requirements.

The prospectus, which outlines the conceptual plan for the bank, is available for review at the Vicksburg District, Corps of Engineers at the address given below.

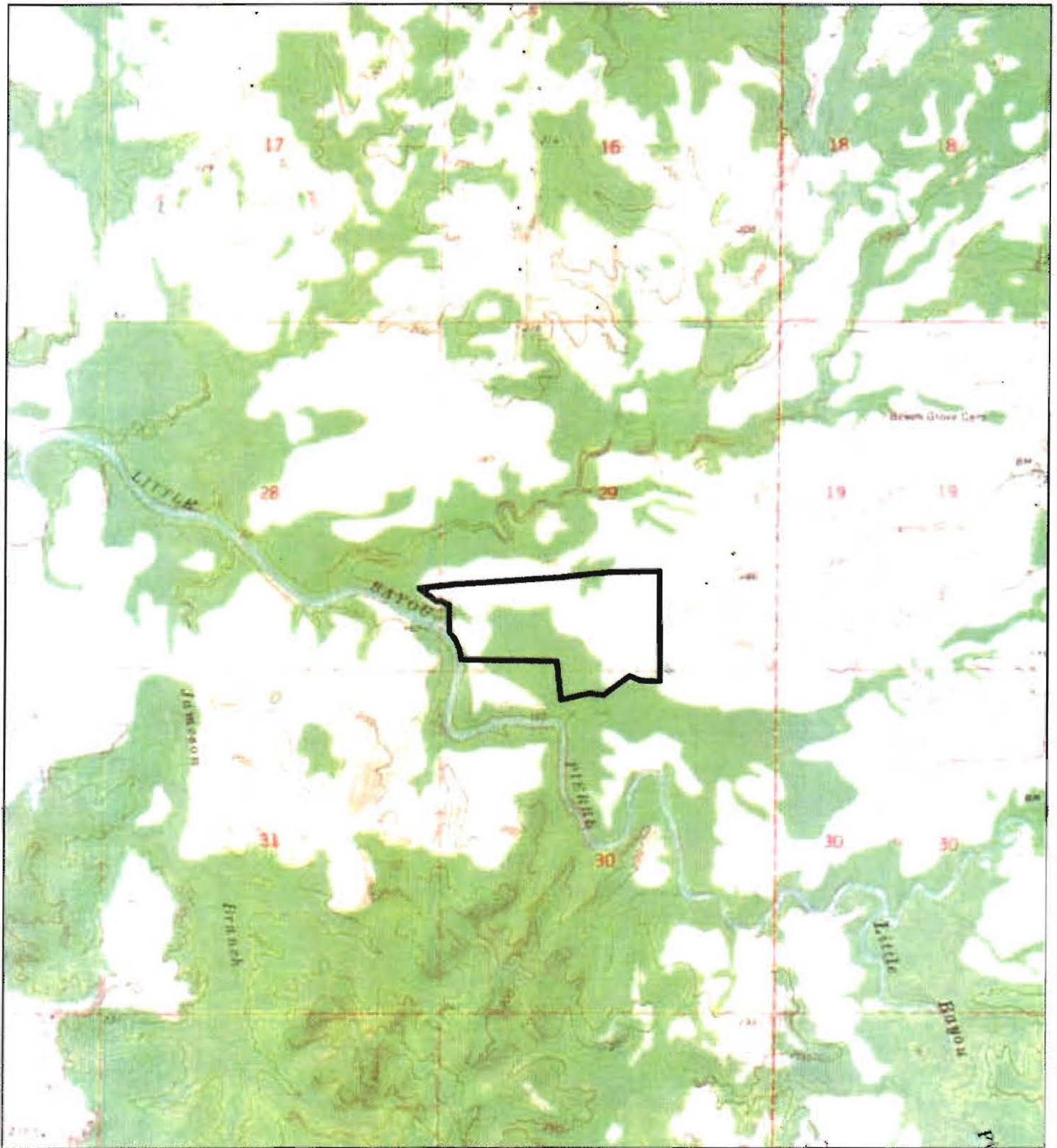
Comments on this proposed mitigation bank may be provided to the Corps at the address below. Comments should be received no later than the expiration date of this public notice.

Please provide comments to:


U.S. Army Corps of Engineers
Vicksburg District
ATTN: CEMVK-OD-F
4155 Clay Street
Vicksburg, Mississippi 39183-3485

A handwritten signature in black ink, appearing to read "Anne S. Woerner", is positioned above the printed name.


Anne S. Woerner
Chief, Evaluation Section
Regulatory Branch



Legend

 Little Bayou Pierre (111.5 Acres)



2,000 1,000 0 2,000

 Feet

Little Bayou Pierre Mitigation Bank

USGS 7.5-MINUTE QUADRANGLE

Clalborne County, Mississippi

Created : TSC/ArcView10

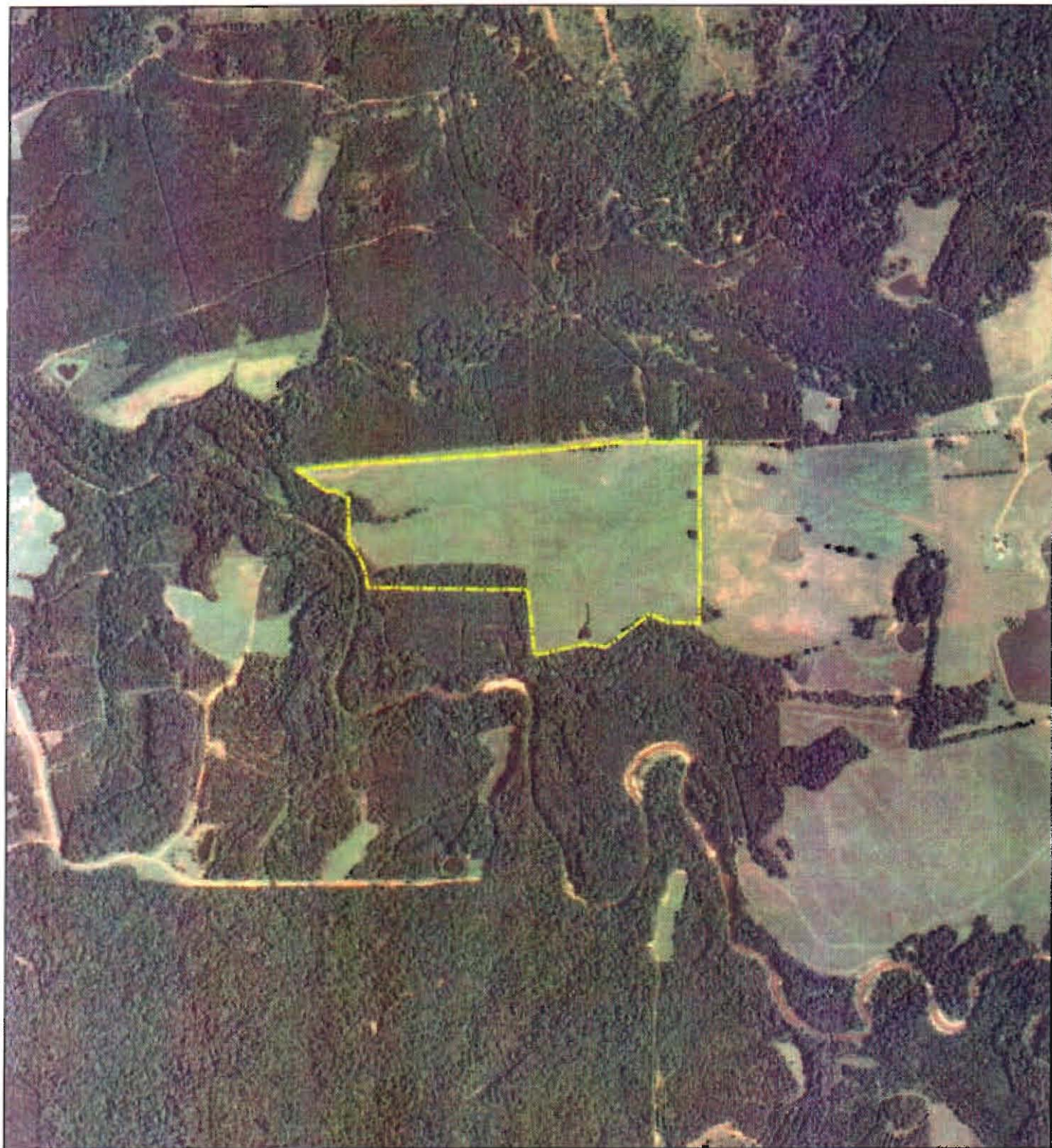
Approved : DEB

Date : 10/3/2012


Map : F02_Quad_2000ft.mxd



FIGURE 2



Legend

 Little Bayou Pierre Mitigation Bank (111.5 Acres)



1,200 600 0 1,200



Feet

Little Bayou Pierre Mitigation Bank

2010 AERIAL PHOTOGRAPH

Clalborne County, Mississippi

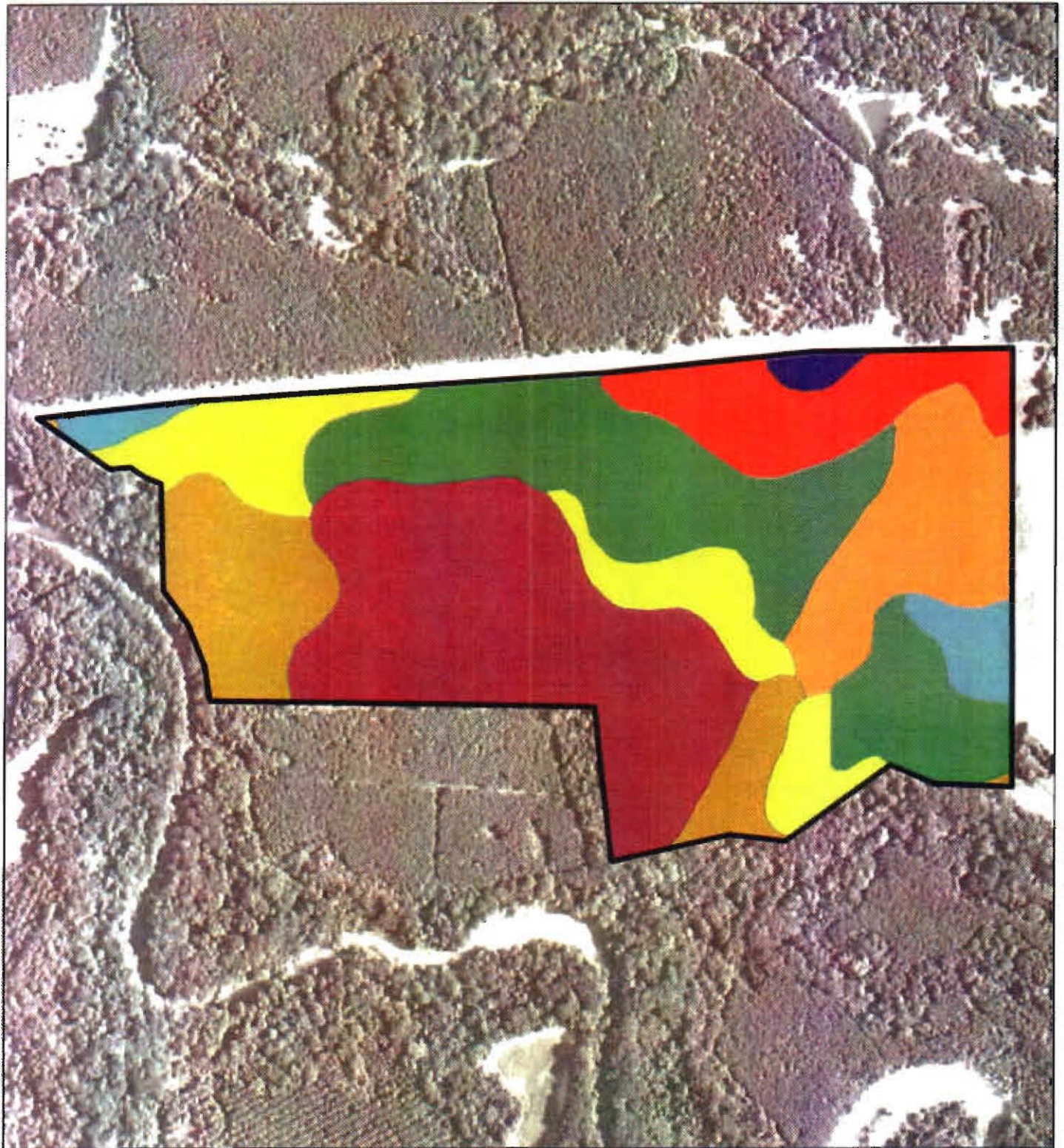
Created : JMJ/ArcView10

Approved : DEB

Date : 10/3/2012

Map # : AA-05_2010Aerial.mxd

FIGURE A-5



- Cn: Collins silt loam
- Wa: Waverly silt loam
- CaA: Calloway silt loam 0-2% slopes
- GrA: Grenada silt loam 0-2% slopes
- Fa: Falaya silt loam
- Gu: Gullied Land
- Hn: Henry silt loam
- GrB3: Grenada silt loam 2-5% slopes, severely eroded
- CaB: Calloway silt loam 2-5% slopes



0 250 500
Feet

Little Bayou Pierre Mitigation Bank

SOILS MAP

Clalborne County, Mississippi

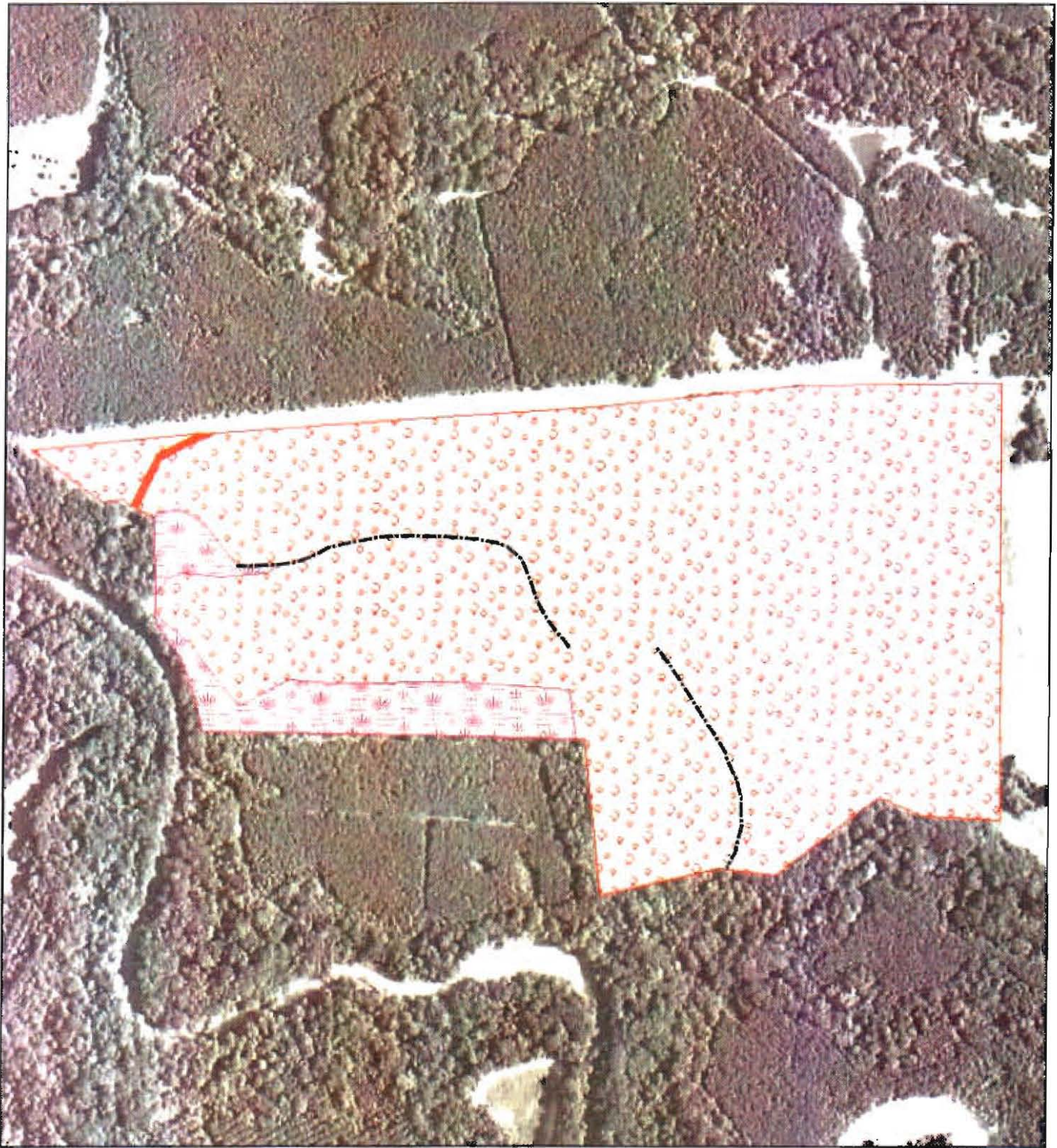
Created : TSC/ArcView10

Approved : DEB





Date : 10/3/2012

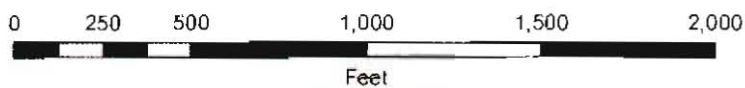
Map : AC-09-Soils.mxd

FIGURE C-09



Legend

-  Prior Converted Pasture/ Pine Seedlings (102.9 acres)
-  Bottomland Hardwood Forested Wetland (8.4 acres)
-  Access Road/PC (0.2 acres)
-  Artificial Drains (2,494 Linear Feet)



Little Bayou Pierre Mitigation Bank

EXISTING CONDITIONS

Claiborne County, Mississippi

Created : TSC/ArcView10

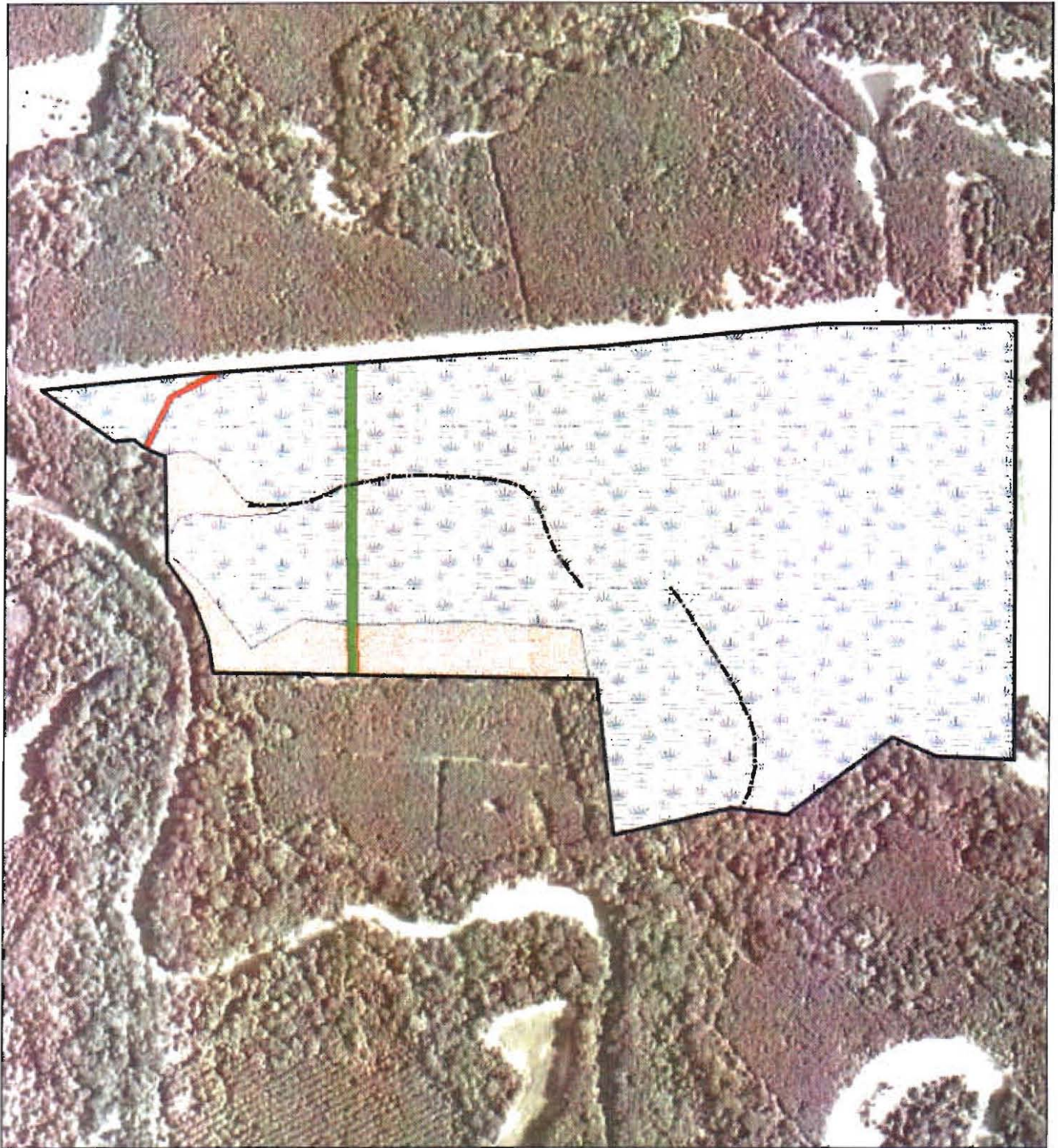
Approved : DEB

Date : 10/3/2012

Map : AC-07_EC mxd

FIGURE C-07





Legend

- Little Bayou Pierre (111.5 Acres)
- Artificial Drains to be Filled (2,494 Linear Feet)
- Mitigation Features (110.2 Acres)**
 - Bottomland Hardwood Preservation (8.2 acres)
 - Bottomland Hardwood Re-establishment (102.0 acres)
- Non-Mitigation Features (1.3 Acres)**
 - Existing Road (0.2 Acres)
 - Reserved Access Route (1.1 Acres)



500 250 0 500

Feet

Little Bayou Pierre Mitigation Bank

PROPOSED MITIGATION FEATURES

Claiborne County, Mississippi

Created : TSC/ArcView10

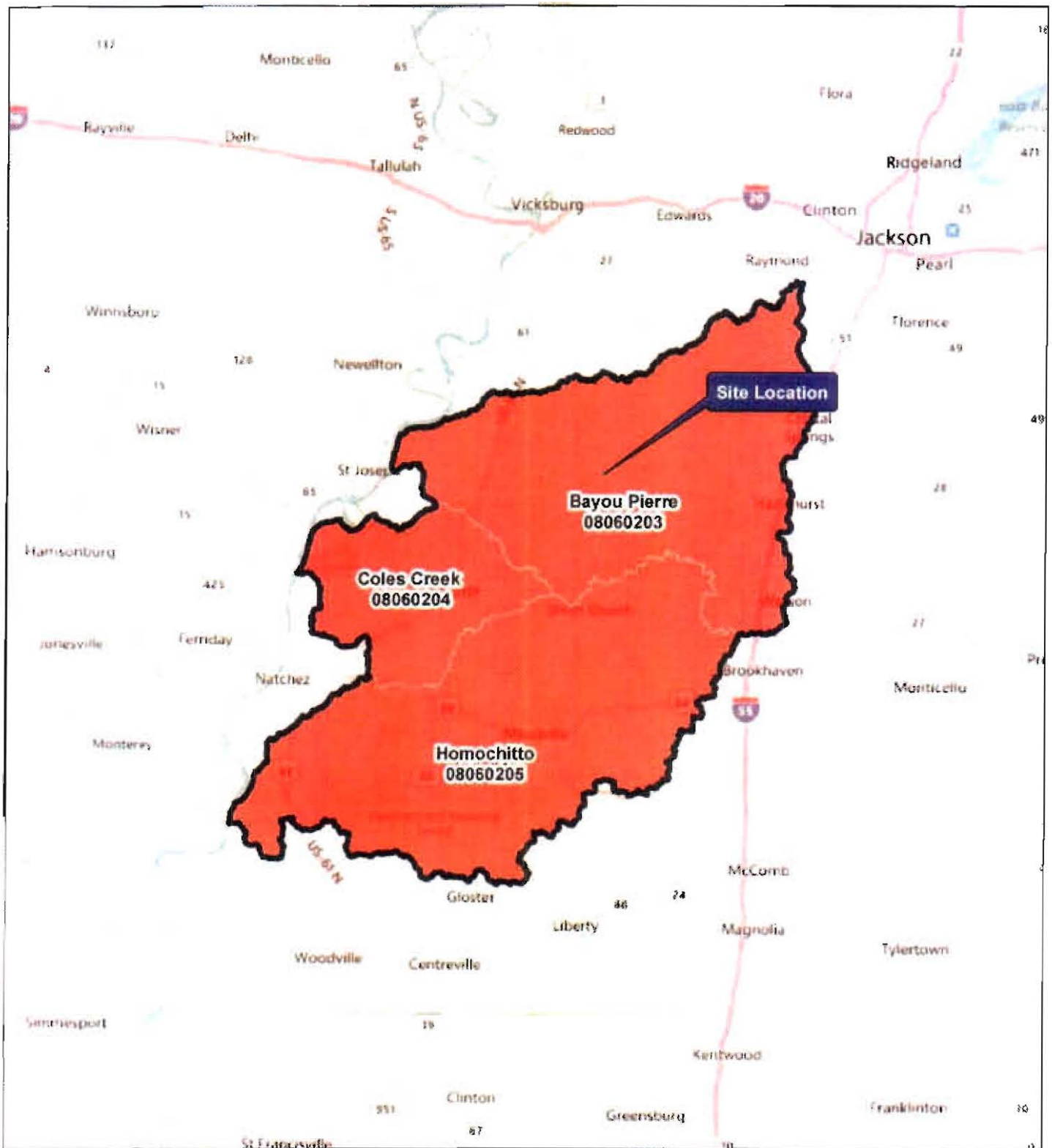
Approved : DEB

Date : 09/21/2012

Map : F03_Restoration_500ft.mxd



FIGURE 3



Legend

Service Area



15 7.5 0 15
Miles

Little Bayou Pierre Mitigation Bank

PROPOSED SERVICE AREA

Claiborne County, Mississippi

Created : TSC/ArcView10

Approved : DEB

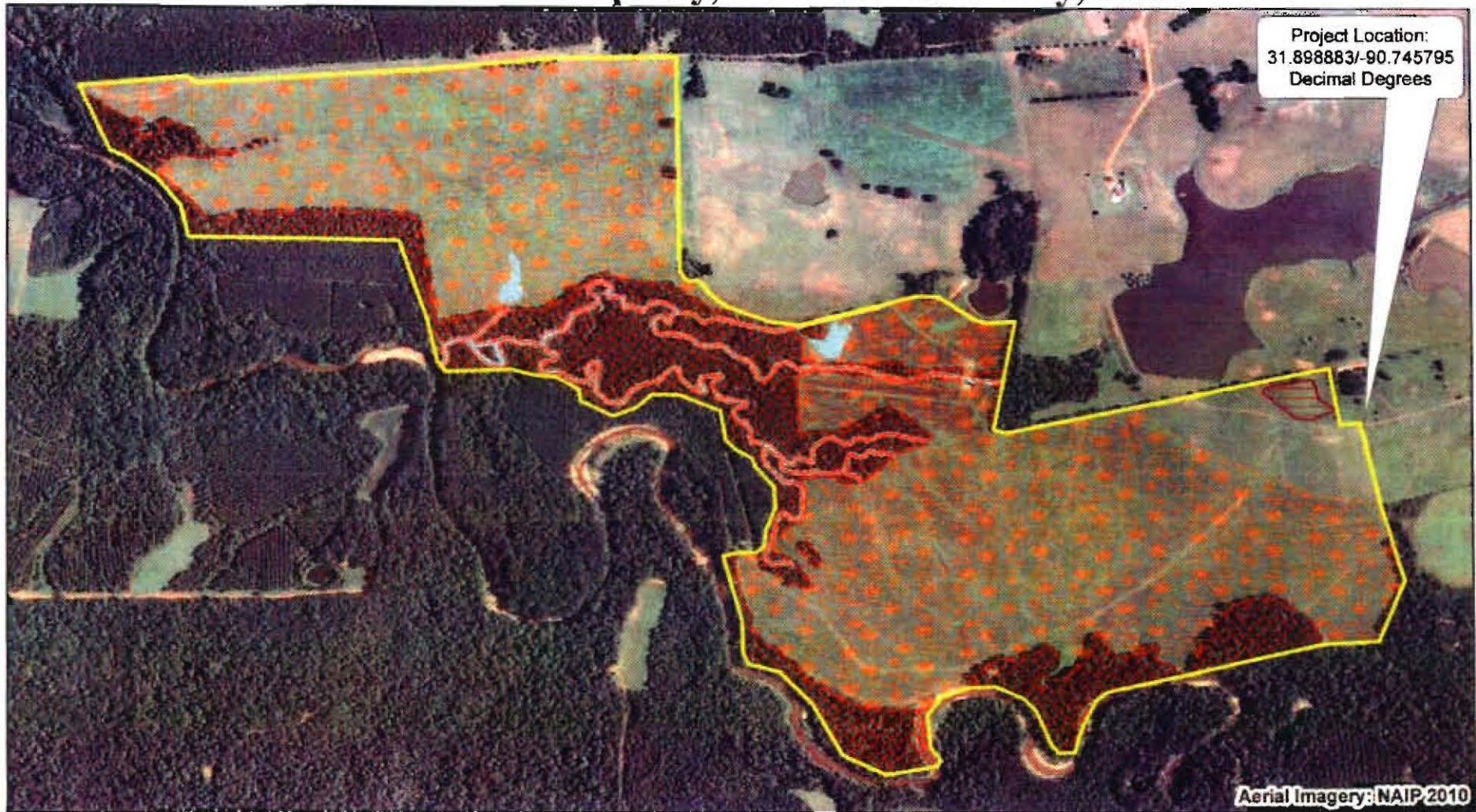
Date : 06/8/2012

Map : F04_ServiceArea_15mi.mxd



FIGURE 4

Jumonville Property, Claiborne County, MS



0 1,700 3,400
Feet

Legend

- Project Boundary (~383.3 Acres)
- Other Waters of the U.S. (~6.2 Acres)
- Wetlands (~87.2 Acres)
- Stock Pond (~1.8 Acres)
- Prior Converted Pasture Land (~270.8 Acres)

Enclosure 1

Site is Jurisdictional

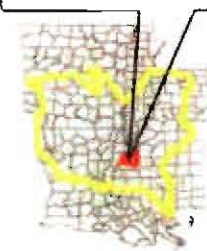
September 12, 2012
MVK-2012-556

Delta Land Services
Requests A Preliminary JD
For The Jumonville Property
Project In Claiborne County, MS

Preliminary
Jurisdictional Determination

Map By Jared Everitt

Claiborne County, MS



US Army Corps
of Engineers



Regulatory
Branch
Enforcement
Section